







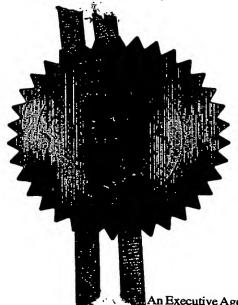
The Patent Office Concept House Cardiff Road Newport South Wales NP10 8QQ

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Signed

DEvens.

Dated 2 February 2004

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In Executive Agency of the Department of Trade and Industry

tents Form 1/77

Patents Act 1977 (Rule 16)

THE PATENT OFFICE

14 JAN 2003

NEWPORT

Request for grant of a patent (See the notes on the back of this form. You can also get an explanatory leaflet from the Patent Office to help you fill in

this form)



14JAN03 E776789-1 C932 P01/7700 0.00-0300752.3

The Patent Office

Cardiff Road Newport South Wales **NP108QQ** 

Your reference DKE JBE

2. Patent application number (The Patent Office will fill in this part)

0300752.3

Full name, address and postcode of the or of each applicant (underline all surnames)

DAUD KENNETH ELLIDTT 24 Brompton FARM ROAD. STROOD, ROCHESTER KENT ME23QY

JACK BERNARD 8-8 HALCHHLERST ROA COLDEAN, BRIGHTE SUSSEX BHIGH

Patents ADP number (if you know it)

If the applicant is a corporate body, give the country/state of its incorporation

8542847001

8542870CO

4. Title of the invention

DIRECT AIR DISTRIBUTOR

NA.

Name of your agent (If you bave one)

"Address for service" in the United Kingdom to which all correspondence should be sent . (including the postcode)

HR J. B. ELLIOTT 88 HawkHerst BRIGHTON SUSSEX BNIGEA

Patents ADP number (if you know tt)

6. If you are declaring priority from one or more earlier patent applications, give the country and the date of filing of the or of each of these earlier applications and (if you know it) the or each application number

Country

Priority application number (if you know tt)

Date of filing (day / montb / year)

7. If this application is divided or otherwise derived from an earlier UK application, give the number and the filing date of the earlier application

Number of earlier application

Date of filing (day / month / year)

8. Is a statement of inventorship and of right to grant of a patent required in support of this request? (Answer Yes' tf: .

Nla

- a) any applicant named in part 3 is not an inventor, or
- b) there is an inventor who is not named as an applicant, or
- c) any named applicant is a corporate body.

See note (d))

## Patents Form 1/77

9. Enter the number of sheets for any of the following items you are filing with this form. Do not count copies of the same document

Continuation sheets of this form

Description

Claim(s)

Abstract

FOUR.Y Drawing(s)

10. If you are also filing any of the following, state how many against each item.

Priority documents

Translations of priority documents

Statement of inventorship and right to grant of a patent (Patents Form 7/77)

Request for preliminary examination and search (Patents Form 9/77)

Request for substantive examination (Patents Form 10/77)

> Any other documents (please specify)

11.

\*I/We request the grapt of a patent on the basis of this application.

12. Name and daytime telephone number of person to contact in the United Kingdom

(01273) 693582, D.K ELLIGTT (01684) 718091

## Warning

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## Notes

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## DIRECT AIR DISTRIBUTOR

The invention is a piece of equipment that can be used in drying buildings that have suffered flood damage.

The apparatus is used to accelerate the drying process of ceilings, walls and floors. It can also be used to dry fabrics such as carpets that have been wetted through flooding or by hot water extraction cleaning.

The Direct Air Distributor is used in conjunction with conventional drying equipment i.e. air movers and dehumidifiers as an additional piece of equipment.

The invention is fixed to the air mover and is inflated. Air escapes through apertures directly onto the area to be dried. This means that unaffected areas of flooding are not affected so much by the air movement in a room, thus reducing dust circulation as the drying process takes place.

Any size of area may be dried by connecting as many of the apparatus together using the special detachable connectors and also the different sized detachable add on units.

Ceilings are dried using a special umbilical connector.

The invention is rectangular in shape and is constructed of a flexible waterproof synthetic material comprising of two sheets of this material. The two sheets of material are joined on three of the four perimeter edges except for a small resealable opening on each of the three edges. On the fourth edge the whole of the edge is a resealable opening.

The connector, add-on unit and umbilical connector are made of a synthetic, flexible, waterproof material.

Over the surface area of the invention the two surfaces are joined together at parallel intervals almost the full length of the apparatus. This forms flutes in the surfaces when inflated.

At points around the perimeter of the invention there are eyelets. These enable the invention to be fixed to a wall or ceiling.

On one side over the surface area of the invention there are apertures in the flutes which allow air to pass through.

The two sheets of material are joined along the flutes with tapes which also have apertures in them. This allows a more even distribution of air within the invention when inflated.

The add on unit is made with flutes the same as the main unit with apertures on one side. It has a resealable opening on each of the long sides and on the other two edges the full length is a resealable opening.

The small connector has an interlocking fabric fixed to each end to enable it to be attached into any of the resealable openings.

The umbilical connector has an interlocking fabric fixed to one end so as to enable it to be attached to any of the resealable openings. The other end has an interlocking fabric fixed to the internal end.

The features on figures 1, 2, 3, 4, 5, 6 and 7 on drawings 1, 2, 3 and 4 are as follows:

- 1. Eyelets
- 2. Apertures (Air Outlets)
- 3. Resealable openings
- 4. Stitched Flutes
- 5. Interlocking Fabric
- 6. Holed Tapes joining the two surfaces together

FIG 1

1/4 BOTTOM PLAN VIELD

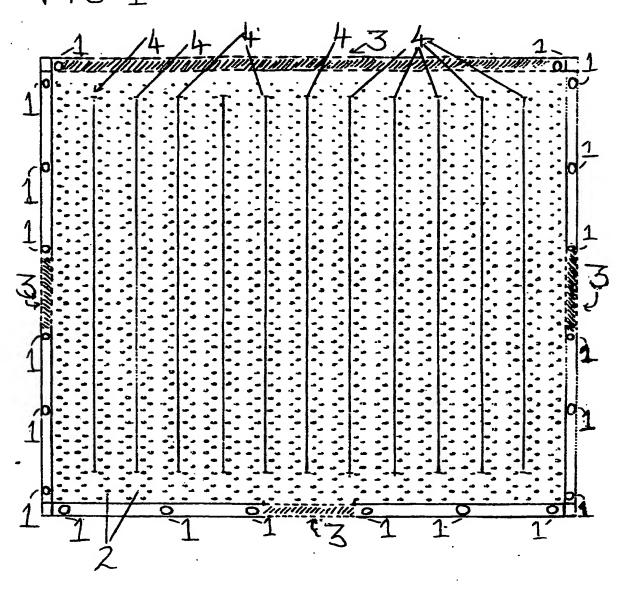


FIG 2.

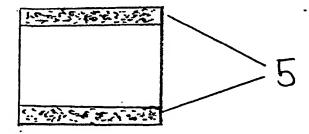


FIG 3 TOP PLAN VIEW 1 3 3 TO THE TOTAL TO THE TOTAL TO THE TOTAL THE STATE OF STATE OF

FIG 4 Bottom PLAN TOP PLAN OF ADD ON HO OH

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